

Title (en)

BIS-LIGATED PHOSPHAGUANIDINE GROUP IV METAL COMPLEXES AND OLEFIN POLYMERIZATION CATALYSTS PRODUCED THEREFROM

Title (de)

BIS-LIGIERTE PHOSPHAGUANIDIN-GRUPPE-IV-METALLKOMPLEXE UND DARAUS HERGESTELLTE OLEFIN-POLYMERISATIONSKATALYSATOREN

Title (fr)

COMPLEXES MÉTAUX DU GROUPE IV-PHOSPHAGUANIDINE BIS-LIGATURÉS ET CATALYSEURS DE POLYMÉRISATION D'OLÉFINES PRODUITS À PARTIR DE CEUX-CI

Publication

**EP 3519469 B1 20200729 (EN)**

Application

**EP 17791772 A 20170929**

Priority

- US 201662402541 P 20160930
- US 2017054270 W 20170929

Abstract (en)

[origin: WO2018064461A1] Embodiments are directed to monophosphaguanidine ligands and the bis ligated metal-complexes formed therefrom, wherein the metal-ligand complexes are polymerization catalysts comprising the following structure (I).

IPC 8 full level

**C08F 210/16** (2006.01); **C08F 2/38** (2006.01); **C08F 4/64** (2006.01)

CPC (source: EP KR US)

**C07F 9/28** (2013.01 - US); **C08F 2/38** (2013.01 - EP KR); **C08F 4/64044** (2013.01 - EP KR); **C08F 10/02** (2013.01 - US); **C08F 10/14** (2013.01 - US); **C08F 210/14** (2013.01 - KR); **C08F 210/16** (2013.01 - EP KR); **C08F 2500/01** (2013.01 - KR); **C08F 2500/09** (2013.01 - KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2018064461 A1 20180405**; BR 112019005899 A2 20190611; BR 112019005899 B1 20230117; CN 109963884 A 20190702; CN 109963884 B 20211109; EP 3519469 A1 20190807; EP 3519469 B1 20200729; ES 2819891 T3 20210419; JP 2019530684 A 20191024; JP 6974448 B2 20211201; KR 102459739 B1 20221028; KR 20190064597 A 20190610; US 11214632 B2 20220104; US 2020024377 A1 20200123

DOCDB simple family (application)

**US 2017054270 W 20170929**; BR 112019005899 A 20170929; CN 201780069927 A 20170929; EP 17791772 A 20170929; ES 17791772 T 20170929; JP 2019515935 A 20170929; KR 20197011021 A 20170929; US 201716338209 A 20170929